

[AUTOMATED OPTIMIZATION OF MEDICAL 3D VISUALIZATIONS]

Abstract of Disclosure

A method of automatically optimizing medical three-dimensional visualizations is providing, including isolating a plurality of anatomical structures within the medical three-dimensional visualization (40), calculating the number of ray intersects, that intersect more than one of the plurality of anatomical structures, for a plurality of casting angles (42), selecting an optimum casting angle that minimizes said ray intersects from one of said plurality casting angles (44), and displaying the optimized medical three-dimensional visualization from said optimized casting angle (48).

Figures